

**REMARKS**

Claims 1-18 are all the claims pending in the application.

The Examiner rejects:

- claims 1-5 under 35 U.S.C. § 102(e) as being anticipated by Rumbaugh et al. (Rumbaugh);
- claims 6 and 15-17 under 35 U.S.C. § 103(a) as being unpatentable over Rumbaugh;
- claims 7-14 under 35 U.S.C. § 103(a) as being unpatentable over Rumbaugh in view of EPA Pub. No. 0617399 A1 to Kuwata et al. (Kuwata); and
- claim 18 under 35 U.S.C. § 103(a) as being unpatentable over Rumbaugh in view of Kubota et al. (Kubota).

Also, the Examiner objects to claim 2 due to a minor typographical error.

With regard to the objection to claim 2, Applicant amends this claim as suggested by the Examiner, and likewise amends page 9, line 14, of the specification to correct the same typographical error.

Applicant respectfully traverses the Examiner's prior art rejections as follows.

Applicant's claimed invention provides an image display apparatus comprising unique combinations of features including, *inter alia*: a control circuit which selects one of modes as an operation mode in response to a mode switching signal, and outputs a data signal and a scan control signal based on the selected mode; a row driving section which sequentially drives scan lines based on said scan control signal; and a column driving section which sequentially drives said plurality of data lines based on said data signal (see Applicant's independent claim 1).

Rumbaugh does not disclose, teach or suggest a control circuit which outputs a data signal and a scan control signal based on a selected mode, as required by Applicant's independent claim 1. Instead, Rumbaugh outputs only a scan control signal based on a selected mode. That is, Rumbaugh discloses a field emission display (FED) which automatically switches between single-scan mode and multi-scan mode depending on the operating temperature of the FED (see col. 1, line 62 through col. 2, line 43). In particular, Rumbaugh discloses a FED where scan mode control circuit 130 is coupled to video controller circuit 160 via scan mode switching circuit 150. When scan mode control circuit 130 senses a temperature change in the display device 102, scan mode control circuit 130 sends a signal to video controller circuit 160 (via scan mode switching circuit 150) based on the scan mode selected by mode control circuit 130 (see *Id.*, col. 4, lines 51-58; and col. 5, lines 7-15). In response to the signal received from the scan mode control circuit 130, video controller circuit 160 changes the scan mode of the display device 102. Even if, assuming *arguendo*, Rumbaugh's video controller circuit 160 does output a data signal (in addition to a scan mode signal) to operate display device 102, as alleged by the Examiner, such a data signal would not be based on, and would not have anything to do with, the selected mode.

Thus, contrary to the Examiner's analysis Rumbaugh does not disclose, teach or suggest outputting a scan control signal and a data signal based on a selected mode (as required by Applicant's claim 1), and therefore, is incapable of teaching or suggesting a column driving section which sequentially drives said plurality of data lines based on said data signal (as further required by Applicant's claim 1).

AMENDMENT UNDER 37 C.F.R. § 1.111 Att. Doc. No.: Q66657  
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Accordingly, Applicant's independent claim 1, as well as its dependent claims 2-6 and 14-17, is not anticipated by (i.e., are not readable on), and would not have been obvious from, Rumbaugh at least for these reasons.

With regard to the dependent claims 7-14 and 18, Kuwata and Kubota do not supply the above-noted deficiency of Rumbaugh. Therefore, dependent claims 7-14 and 18, which incorporate all the novel and unobvious features of their base claim 1, would not have been obvious from any reasonable combinations of Rumbaugh and these references.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned attorney at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

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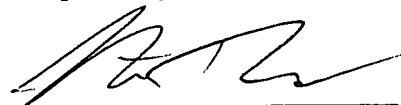
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Respectfully submitted,



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